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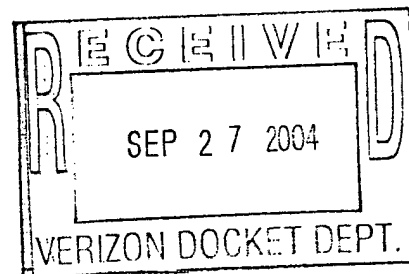
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/748,621	12/22/2000	Mitchell Paul Tasman	99-467 BBNT-P01-301	4581
32127	7590	09/22/2004	EXAMINER	
VERIZON CORPORATE SERVICES GROUP INC. C/O CHRISTIAN R. ANDERSEN 600 HIDDEN RIDGE DRIVE MAILCODE HQEO3H14 IRVING, TX 75038			MARCELO, MELVIN C	
			ART UNIT	PAPER NUMBER
			2663	

DATE MAILED: 09/22/2004

Ropes & Gray
Intellectual Property Dept.

SEP 30 2004

Please find below and/or attached an Office communication concerning this application or proceeding.



Ropes & Gray

Symbol #: BBNT-P01-301

Action Due: Response to Office Action

Deadline(s): 22 Dec 2004 / 22 Mar 2005
Final

Office Action Summary

Application No.

09/748,621

Applicant(s)

TASMAN ET AL.

Examiner

Melvin Marcelo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-92 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-24, 28-38, 50-58, 63-74 and 76-92 is/are allowed.
- 6) ☒ Claim(s) 25-27, 39-49, 59-62 and 75 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 12-22-2000.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement filed 12-20-2000 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each U.S. and foreign patent; each publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been considered.

The non-patent publications listed on the IDS appears to be missing from the file and thus could not be considered. If the applicants had previously submitted these documents which appears to have been lost at the Patent Office, then the examiner respectfully requests additional copies to be sent in order to fully consider them.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 25-27, 39-49, 59-62 and 75 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 25, lines 31-32, "the next-neighbor address" lacks a proper antecedent basis. It is not clear whether the term should be -- the selected neighbor address --.

Claim 39, lines 31-32, "the next-neighbor address" lacks a proper antecedent basis. It is not clear whether the term should be -- the selected neighbor address --.

Claim 42, line 18, "a" should be deleted from the phrase "a an."

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Claim 42, lines 32-33, "the next-hop neighbor addresses" lacks a proper antecedent basis. It is not clear whether the term should be -- the selected neighbor address--.

Claim 59, line 1, "a method according to claim 57" lacks a proper antecedent basis since claim 57 is directed to "a mapping table."

Claim 60, line 1, "a method according to claim 57" lacks a proper antecedent basis since claim 57 is directed to "a mapping table."

Claim 61, line 1, "a method according to claim 57" lacks a proper antecedent basis since claim 57 is directed to "a mapping table."

Claim 62, line 1, "a method according to claim 57" lacks a proper antecedent basis since claim 57 is directed to "a mapping table."

Claim 75, lines 2-3, "the embedded unicast destination node number" lacks a proper antecedent basis in claims 71 and 70.

Claim 75, line 3, "the 48-bit pseudo MAC address" lacks a proper antecedent basis in claims 71 and 70.

Allowable Subject Matter

4. Claims 1-24, 28-38, 50-58, 63-74 and 76-92 are allowed.
5. Claims 25-27, 38-49, 59-62 and 75 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin Marcelo whose telephone number is 571-272-3125. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on 571-272-3126. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Melvin Marcelo
Primary Examiner
Art Unit 2663

September 17, 2004